

AMENDMENTS TO THE CLAIMS

The following listing of the claims replaces all prior versions and listings of claims in this application.

Listing of the Claims

10. (Previously presented) A spray fitting for a tower of an installation for treating a gas flow with a liquid, comprising:

a main pipe extending essentially horizontally through a center of the tower, wherein the main pipe is formed with two channels;

a plurality of distributing pipes extending from two sides of the main pipe essentially in one plane; and

a plurality of spray nozzles associated with each distributing pipe, whereby at least one pump for feeding treatment liquid into the main pipe is associated with the fitting, wherein each of said channels can be supplied via at least one pump with treatment liquid, and wherein on each side of the main pipe, a first part of the distributing pipes is connected with one of the channels and second part of the distributing pipes is connected with the other channel.

11. (Previously presented) The spray fitting of claim 10, further comprising a sheet disposed in the main pipe, wherein said sheet extends essentially from a low point at one end of the main pipe essentially to a topmost point at an opposite end of the main pipe, and wherein a supply of the treatment liquid takes place at opposite ends of the channels.

12. (Previously presented) The spray fitting of claim 10, wherein an auxiliary pipe is disposed in the main pipe, wherein an annular chamber defined between the main pipe and the auxiliary pipe defines one channel and an interior of the auxiliary pipe

defines the other channel, and wherein a supply of treatment liquid takes place at opposite ends or adjacent ends of the channels.

13. (Previously presented) The spray fitting of claim 10, wherein the distributing pipes on each side of the main pipe are alternately connected with one channel or the other channel.

14. (Previously presented) The spray fitting of claim 10, wherein a cross section of the distributing pipes is stepped toward free ends thereof or decreases constantly.

15. (Previously presented) The spray fitting of claim 10, wherein the distributing pipes are stepped, such that the distributing pipes have a flat side and an oppositely disposed stepped side.

16. (Previously presented) The spray fitting of claim 15, wherein the distributing pipes are arranged with their flat sides as upper sides in the tower.

17. (Previously presented) The spray fitting of claim 10, wherein spacings of adjacent nozzles supported by the distributing pipes are the same within the spraying plane in all directions.

18. (Previously presented) A tower of an installation for treating of a gas flow with a liquid and comprising at least one spray fitting of claim 10.

19. (New) The spray fitting of claim 10, wherein at least one pump is provided for each of said channels, further wherein pumps associated with one of said channels are adapted to supply treatment liquid independently from pumps associated with the other of said channels, and wherein each pump is adapted to supply treatment liquid to one of the parts of the distributing pipes on each side of the main pipe in one spraying plane.